



Australian Government

MSFKB4012 Determine layout for laundry components

Release: 1

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Modification History

Release 1. Supersedes and is equivalent to MSFKB4008 Determine layout for laundry components.

Application

This unit describes the skills and knowledge required to use design principles to design and document the layout for a laundry, including placement of components, such as cabinets, appliances and required laundry facilities. It does not include designing any changes to plumbing, electrical or waterproofing, other than the location of required service.

This unit applies to interior designers, including kitchen and bathroom designers. They use specialised knowledge and analyse varied information to develop design solutions.

Licensing, legislative or certification requirements may apply to this unit and relevant state/territory and local government agencies should be consulted to determine any necessary certification or licensing for undertaking kitchen and bathroom work. Access to construction sites requires certification of general induction training specified by the National Code of Practice for Induction for Construction Work (ASCC 2007).

Pre-requisite Unit

N/A

Unit Sector

Kitchens and Bathrooms

Elements and Performance Criteria

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Determine project requirements	1.1 Establish communication with the client and obtain information regarding the client needs and expectations 1.2 Determine design parameters and constraints based on client requirements and review of the site 1.3 Identify location of current services for impact on design 1.4 Take and record accurate site measurements 1.5 Accurately document project requirements

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
2. Examine layout options	2.1 Examine layout options, access and traffic flow implications 2.2 Assess environmental implications of the layout and review options for achieving maximum energy efficiency 2.3 Develop ideas and options for layouts and components based on project requirements and available products and services 2.4 Complete drawings that visually represent cabinet design ideas 2.5 Refine options through experimentation and discussion with client 2.6 Confirm and accurately document client preferences
3. Develop design specifications	3.1 Develop accurate drawings, detailing all required measurements, dimensions and features 3.2 Identify required changes to service outlets and waterproofing for preferred design and accurately document 3.3 Check compliance of the design with regulatory requirements 3.4 Develop and accurately document specifications for all products and services 3.5 Identify and estimate costs associated with all aspects of design, construction and installation 3.6 Present complete design documentation and estimate to client in professional format suited to the scope and nature of the project

Foundation Skills

The Foundation Skills describe those required skills (such as, language, literacy, numeracy and employment skills) that are essential to performance:

- technology skills to create digital documents and drawings.

Other foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Unit Mapping Information

Supersedes and is equivalent to MSFKB4008 Determine layout for laundry components.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0601ab95-583a-4e93-b2d4-cfb27b03ed73>

Assessment Requirements for MSFKB4012 Determine layout for laundry components

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Performance Evidence

There must be evidence the candidate has completed the tasks outlined in the elements and performance criteria of this unit, and:

- designed, documented and presented laundry layouts in response to 3 different design briefs.
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Knowledge Evidence

There must be evidence the candidate has knowledge of:

- mathematical procedures for estimation and measurement
- compliance requirements for laundry designs
- information to be gathered from site analysis:
 - observing current inclusions and appliances
 - identifying current laundry features and services
 - measuring laundry dimensions and features
 - identifying structural conditions and features of current laundry layout or which require building or engineering advice in a new laundry design
 - observing general house style
- sources of information on laundry components
- features of laundry designs and types, characteristics, uses and limitations of laundry components, including:
 - washing machine, dryer, ironing facilities, laundry sink and hanging facilities
 - storage areas, cabinets and shelving
 - tiling, fixtures and fittings
 - shower, shower screen, toilet and basin
- spatial planning considerations for laundry designs, including:
 - access issues, including for people with disabilities
 - location and capacity of services
 - requirements of laundry appliances
 - usage and traffic flows typical to a laundry
 - laundry storage requirements
- formats and required inclusions for laundry design specifications, including:

- measurements and dimensions
- fixtures and fittings
- product codes
- materials
- sketching and drawing techniques, protocols and symbols
- processes for calculating and documenting costs.
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Assessment Conditions

Skills must have been demonstrated in the workplace or in a simulated environment that reflects workplace conditions and contingencies. The following conditions must be met for this unit:

- use of suitable facilities, equipment and resources, including:
 - design briefs
 - spaces for laundry design
 - measuring equipment
 - information technology for document creation
 - manual and computer aided drawing materials.

Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors.

Links

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